

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072533.D
 Acq On : 05 Apr 2022 14:20
 Operator : VA/SY
 Sample : N2256-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-040422

Quant Time: Apr 06 01:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

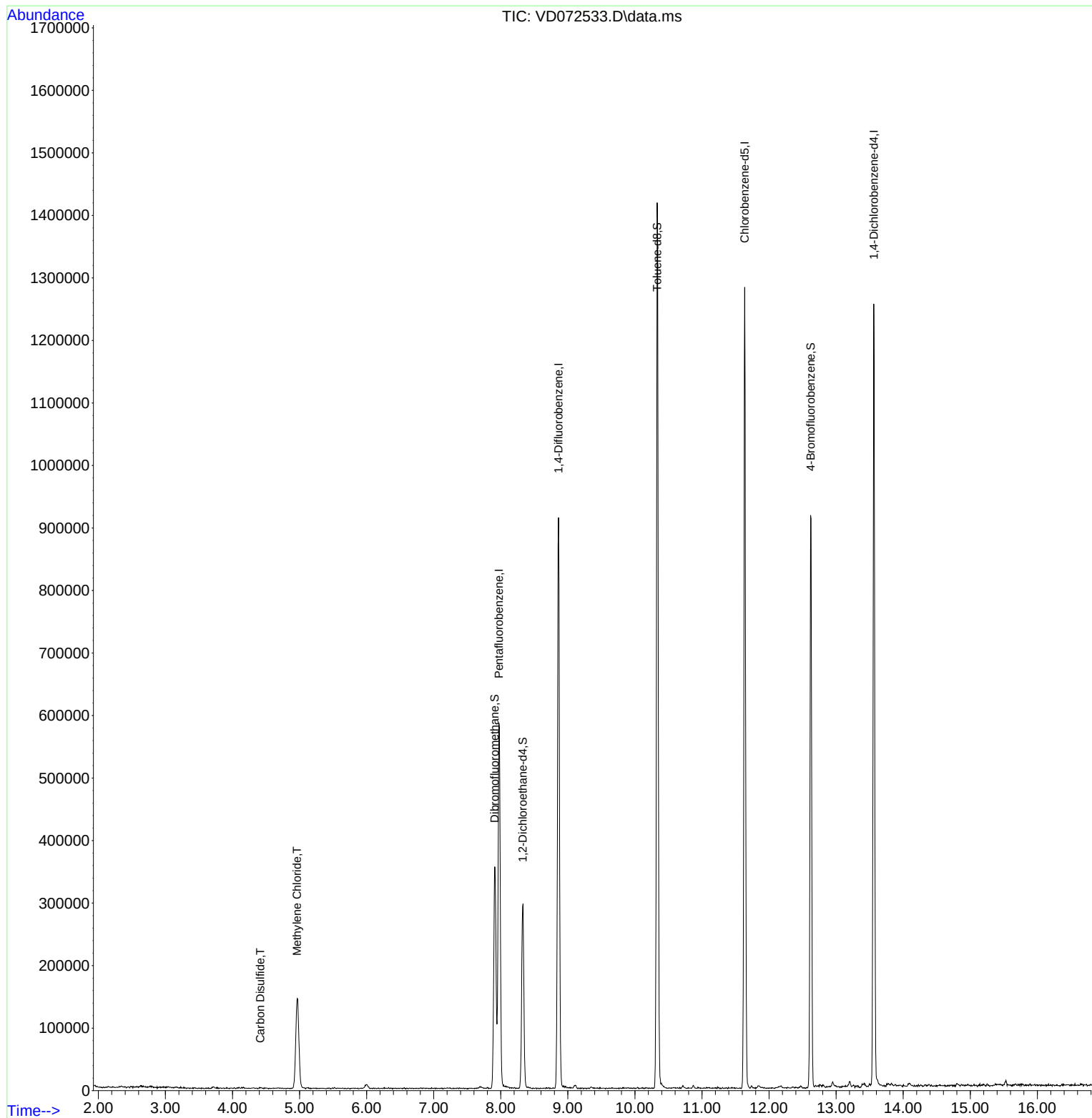
Internal Standards						
1) Pentafluorobenzene	7.973	168	423874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	797844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	328511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242451	47.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.908	113	262404	42.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.640%
50) Toluene-d8	10.332	98	964181	44.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.480%
62) 4-Bromofluorobenzene	12.620	95	320263	38.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.100%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.414	76	2497	3.907	ug/l #	83
20) Methylene Chloride	4.961	84	118178	20.762	ug/l #	85

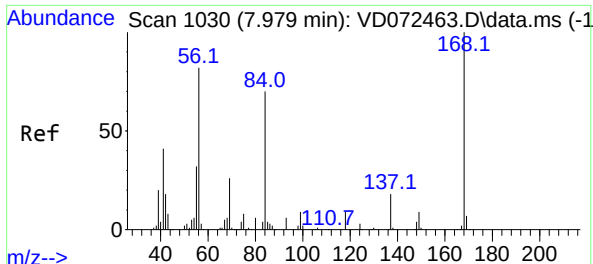
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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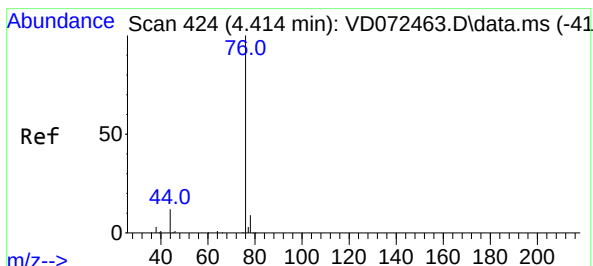
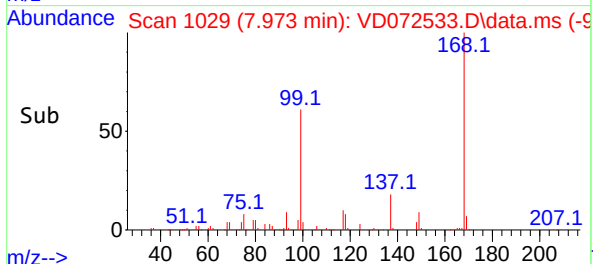
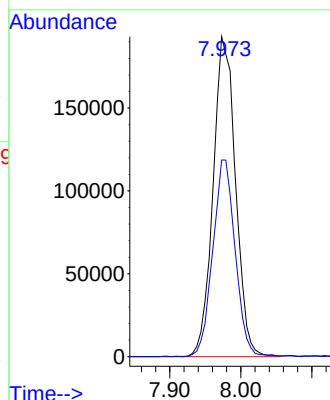
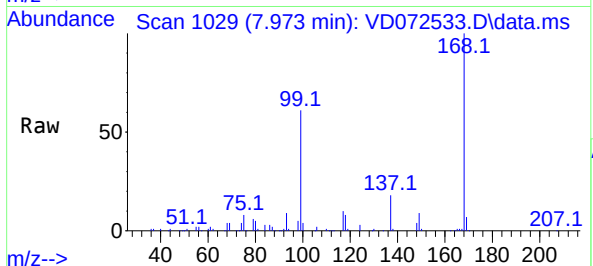




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

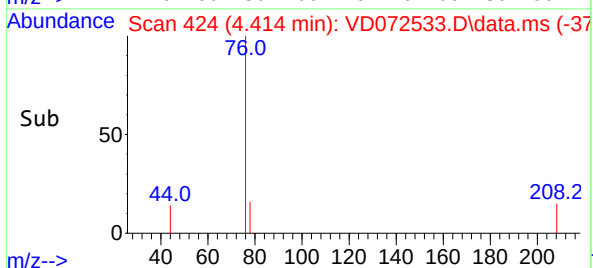
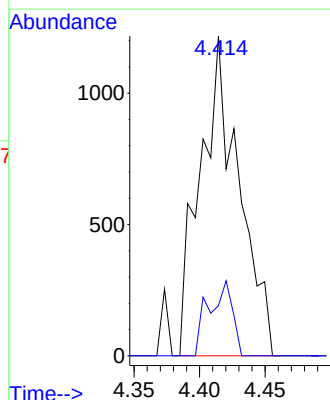
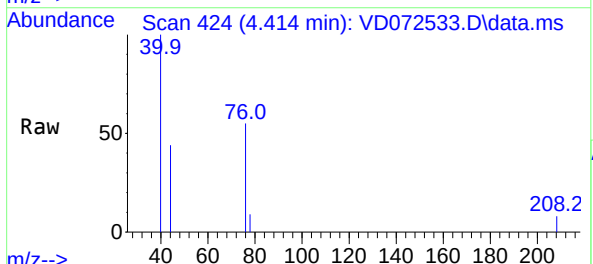
Instrument :
MSVOA_D
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SU-03-040422

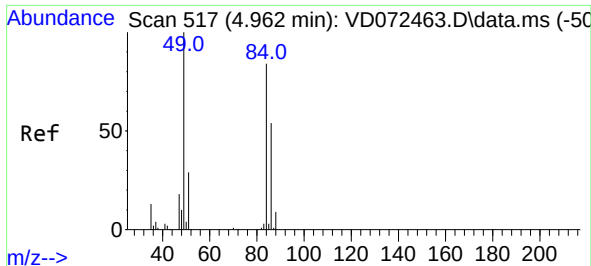
Tgt Ion:168 Resp: 423874
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#17
Carbon Disulfide
Concen: 3.907 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

Tgt Ion: 76 Resp: 2497
Ion Ratio Lower Upper
76 100
78 15.7 7.5 11.3#





#20

Methylene Chloride

Concen: 20.762 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072533.D

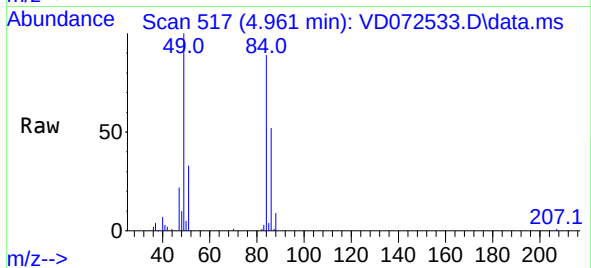
Acq: 05 Apr 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

SU-03-040422



Tgt Ion: 84 Resp: 118178

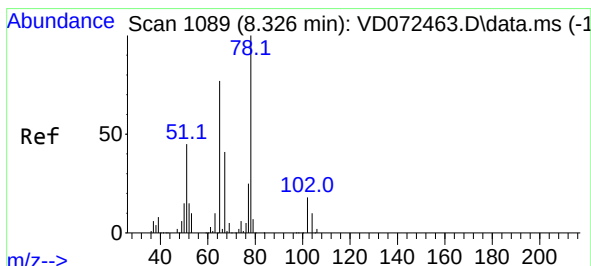
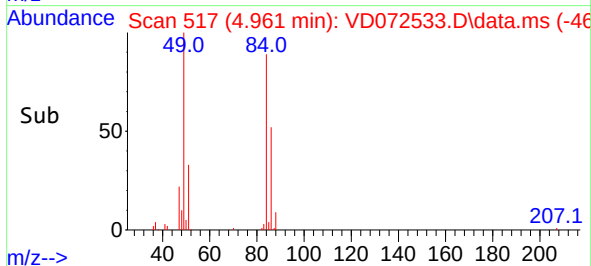
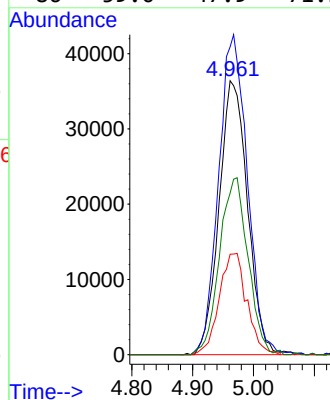
Ion Ratio Lower Upper

84 100

49 112.4 112.8 169.2#

51 36.7 32.6 48.8

86 59.0 47.9 71.9



#33

1,2-Dichloroethane-d4

Concen: 47.284 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072533.D

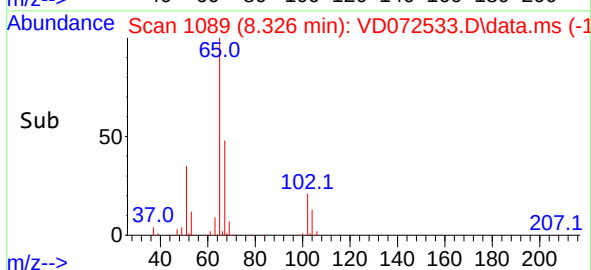
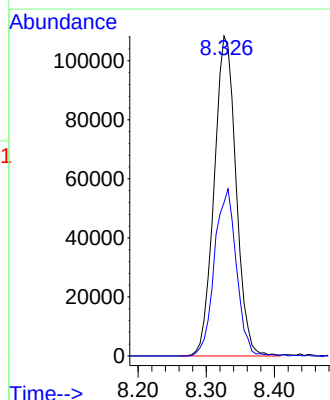
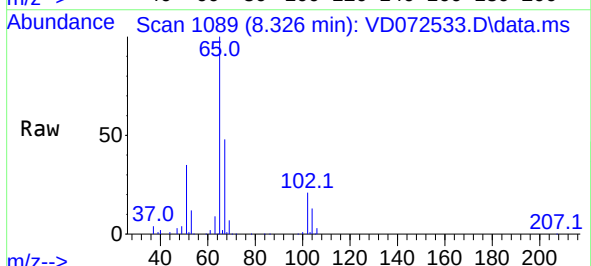
Acq: 05 Apr 2022 14:20

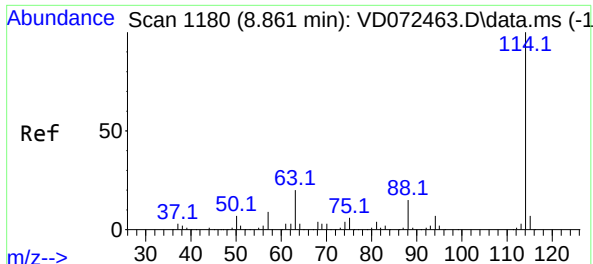
Tgt Ion: 65 Resp: 242451

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4

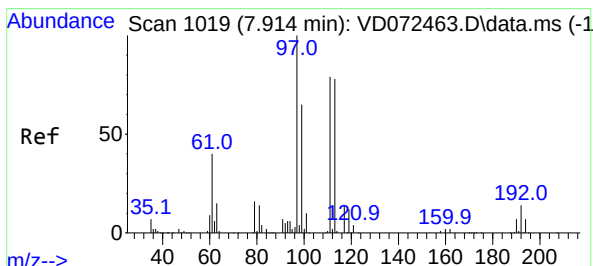
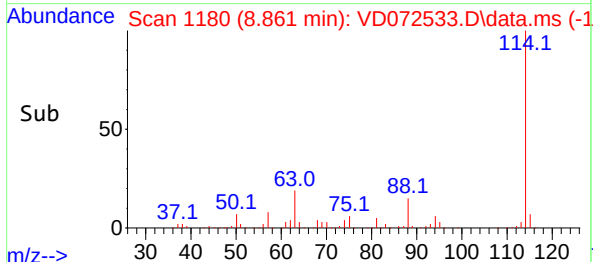
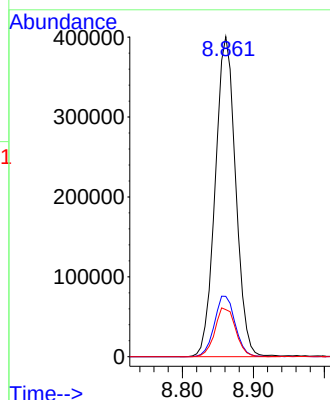
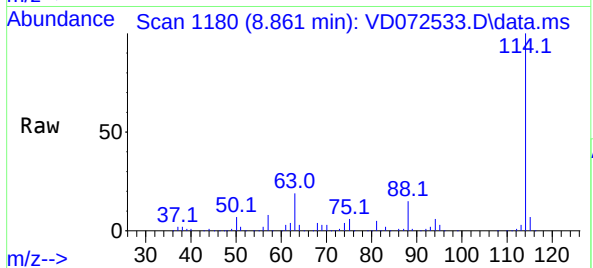




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

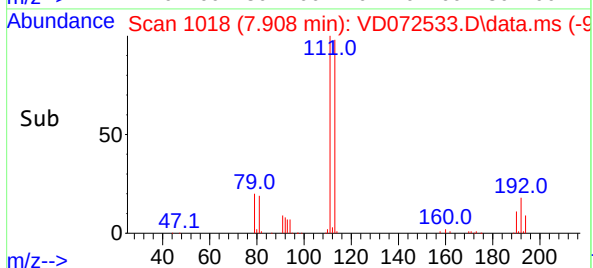
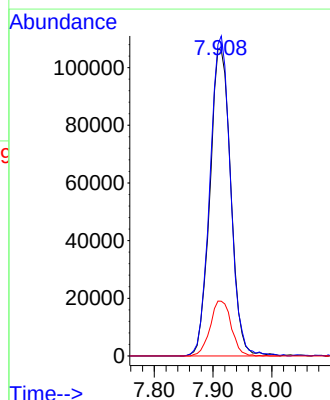
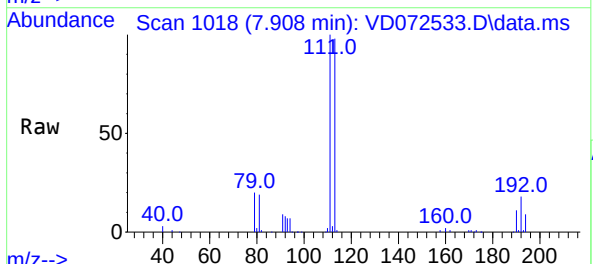
Instrument :
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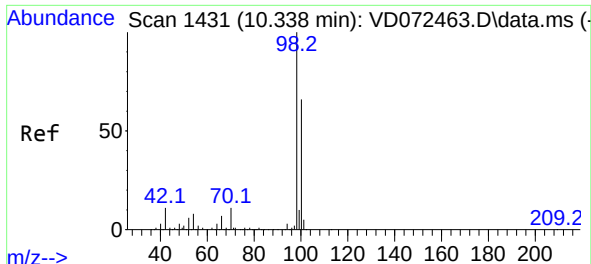
Tgt Ion:114 Resp: 797844
Ion Ratio Lower Upper
114 100
63 18.8 0.0 46.6
88 14.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.321 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

Tgt Ion:113 Resp: 262404
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.1 14.6 21.8

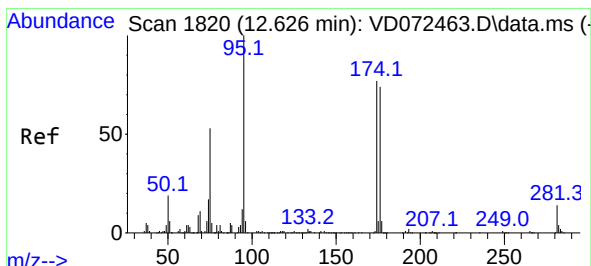
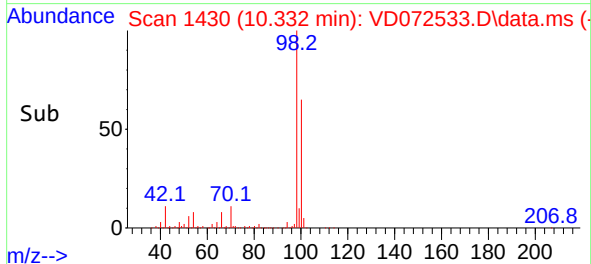
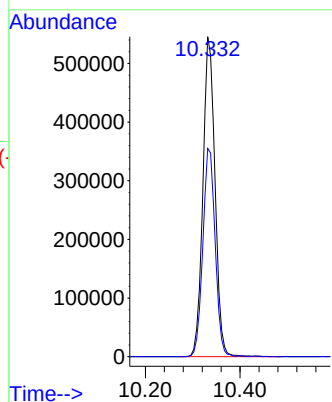
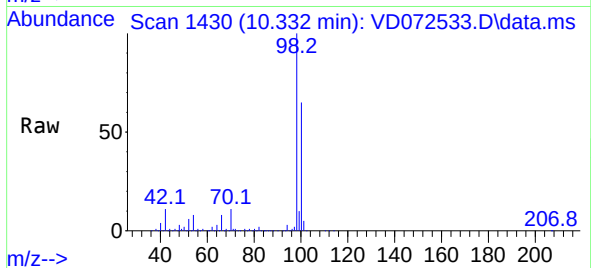




#50
Toluene-d8
Concen: 44.736 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

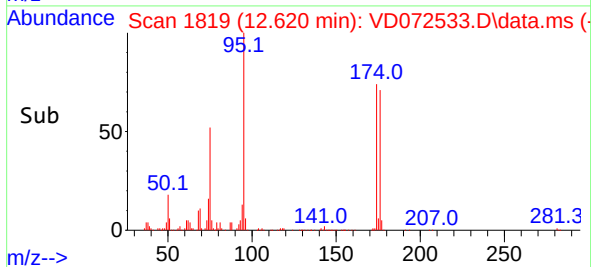
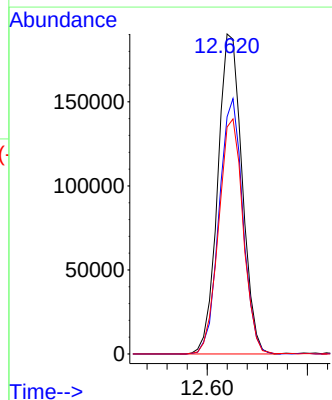
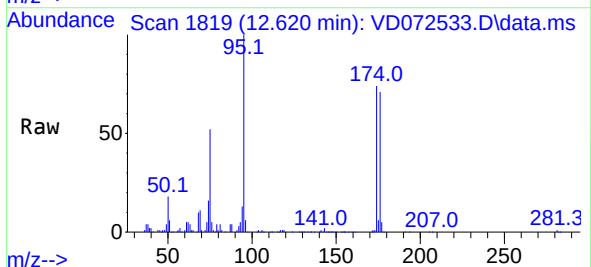
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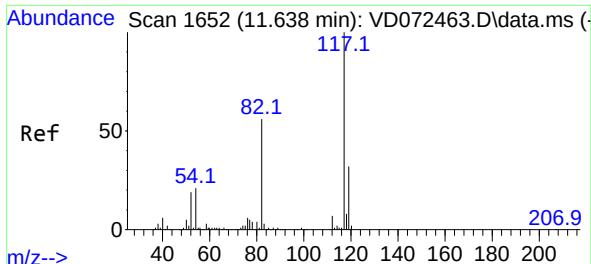
Tgt Ion: 98 Resp: 964181
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.048 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

Tgt Ion: 95 Resp: 320263
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 73.8 0.0 145.4

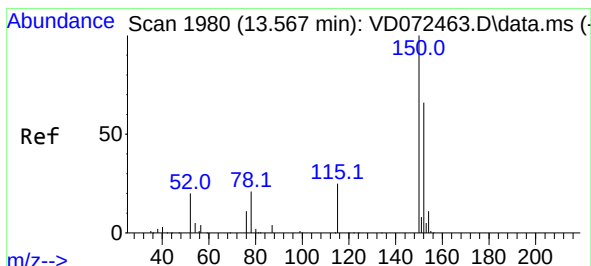
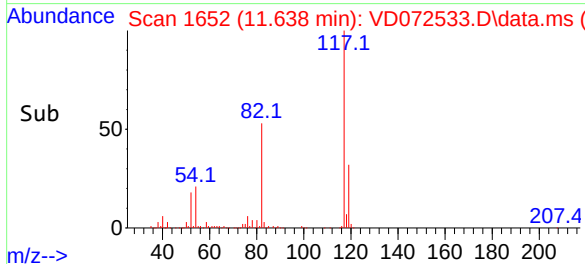
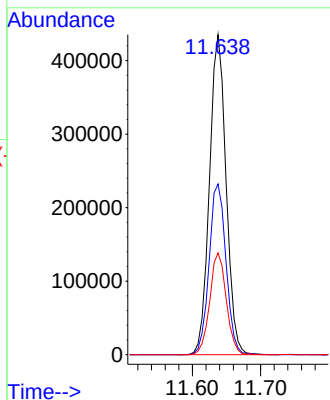
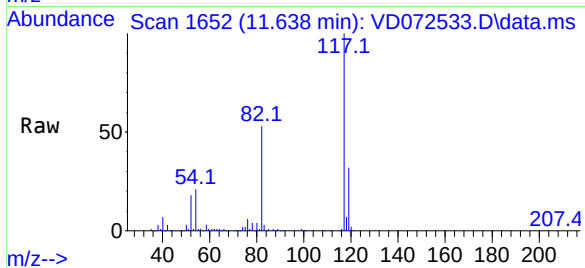




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :
SU-03-040422

Tgt Ion:117 Resp: 738596
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072533.D
Acq: 05 Apr 2022 14:20

Tgt Ion:152 Resp: 328511
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 157.1 0.0 348.6

